

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

| 10/565,596 04/24/2006 Haruhiko Naruse P29182 2367 Total Total Total Transmission date Transmiss | _ | | | www.uspto.gov | | |
|--|---|---|--|----------------------------|-----------------------|--|
| GREENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE RESTON, VA 20191 Notice of Abandonment This application is abandoned in view of: | APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
| GREENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE RESTON, VA 20191 ART UNIT PAPER NUMBER 3732 NOTIFICATION DATE DELIVERY MODE 10/15/2010 ELECTRONIC | 10/565,596 | 04/24/2006 | Haruhiko Naruse | P29182 | 2367 | |
| GRENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE RESTON, VA 20191 MATUNIT PAPER NUMBER 3732 NOTIFICATION DATE DELIVERY MODE 10/15/2010 ELECTRONIC Notice of Abandonment This application is abandoned in view of: | 7 | 7500 40/45/0040 | | EXAM | INER | |
| Notice of Abandonment This application is abandoned in view of: The applicant's failure to timely file a proper reply to the Office letter mailed on | GREENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE | | | DOAN, RO | DOAN, ROBYN KIEU | |
| Notice of Abandonment This application is abandoned in view of: The applicant's failure to timely file a proper reply to the Office letter mailed on | | | | ART UNIT | PAPER NUMBER | |
| Notice of Abandonment This application is abandoned in view of: The applicant's failure to timely file a proper reply to the Office letter mailed on | | | | 3732 | | |
| Notice of Abandonment This application is abandoned in view of: 1. The applicant's failure to timely file a proper reply to the Office letter mailed on | | | | NOTIFICATION DATE | DELIVERY MODE | |
| This application is abandoned in view of: 1. The applicant's failure to timely file a proper reply to the Office letter mailed on | | | | 10/15/2010 | ELECTRONIC | |
| 1. The applicant's failure to timely file a proper reply to the Office letter mailed on | | | Notice of Abandonn | nent | | |
| 1. The applicant's failure to timely file a proper reply to the Office letter mailed on | This application is a | bandoned in view of: | | | | |
| (a) A reply was received on (with a Certificate of Mailing or Transmission date), whater the expiration of the period for reply (including a total extension of month(s)) which expire | • • | | a proper reply to the Office lette | er mailed on . | | |
| after the expiration of the period for reply (including a total extension of month(s)) which expire | • • | • | • • • | |), which | |
| Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the state period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on | after the e | expiration of the period | od for reply (including a total e | xtension of month | (s)) which expired | |
| Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the state period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing Transmission date), which is after the expiration of the statutory period for payment of the fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transming dated), which is after the expiration of the period for reply. (b) No corrected drawing have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the continuous interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. Drawings received on were disapproved by examiner. See examiner's response dated 7. Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. No corrected drawings have been received in reply to one-month period set in examiner's response. | (h) □ No roply h | oo boon roooiyod | | • | | |
| period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Maili Transmission date), which is after the expiration of the statutory period for payment of the fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) No corrected drawing have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. Drawings received on were disapproved by examiner. See examiner's response dated 7. Corrected drawings were received on , which is after the expiration of the one-month period for set in examiner's response dated | ``A` | | ne required issue fee and nub | lication fee if applicable | e within the statut | |
| Transmission date | period of three | e months from the ma | iling date of the Notice of Allow | ance (PTOL-85). | o, within the statut | |
| fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) No corrected drawing have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. Drawings received on were disapproved by examiner. See examiner's response dated 7. Corrected drawings were received on , which is after the expiration of the one-month period for set in examiner's response dated | (a) The issue | fee and publication fe | ee, if applicable, was received | on (with a C | ertificate of Mailing | |
| (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) ☐ No corrected drawing have been received. 4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. ☐ Drawings received on were disapproved by examiner. See examiner's response dated 7. ☐ Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. ☐ No corrected drawings have been received in reply to one-month period set in examiner's response. | Transmiss | ion date), | which is after the expiration of | f the statutory period for | payment of the iss | |
| The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) \$\mathbb{Q}\$ The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) No corrected drawing have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. Drawings received on were disapproved by examiner. See examiner's response dated 7. Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. No corrected drawings have been received in reply to one-month period set in examiner's response | | | | | | |
| (c) ☼ The issue fee and publication fee, if applicable, has not been received. 3. □ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) □ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) □ No corrected drawing have been received. 4. □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. □ Drawings received on were disapproved by examiner. See examiner's response dated 7. □ Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. □ No corrected drawings have been received in reply to one-month period set in examiner's response | The issu | ue fee required by 37 | CFR 1.18 is \$ | | | |
| Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) No corrected drawing have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. Drawings received on were disapproved by examiner. See examiner's response dated 7. Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated | | | | · . | | |
| Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmidated), which is after the expiration of the period for reply. (b) No corrected drawing have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. Drawings received on were disapproved by examiner. See examiner's response dated 7. Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. No corrected drawings have been received in reply to one-month period set in examiner's response of the continuing application. | . , , | • | • • | | | |
| dated), which is after the expiration of the period for reply. (b) □ No corrected drawing have been received. 4. □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. 5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. 6. □ Drawings received on were disapproved by examiner. See examiner's response dated 7. □ Corrected drawings were received on , which is after the expiration of the one-month period for set in examiner's response dated 8. □ No corrected drawings have been received in reply to one-month period set in examiner's response of the period | Notice of Allo | wability (PTO-37). | | | | |
| The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the interest, or all of the applicants. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capunder 37 CFR 1.34(a)) upon the filling of a continuing application. Drawings received on were disapproved by examiner. See examiner's response dated Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated No corrected drawings have been received in reply to one-month period set in examiner's response of the continuing application. | | | | | ailing or Transmiss | |
| interest, or all of the applicants. The letter of express abandonment which is signed by an attorney or agent (acting in a representative cap under 37 CFR 1.34(a)) upon the filling of a continuing application. Drawings received on were disapproved by examiner. See examiner's response dated Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated No corrected drawings have been received in reply to one-month period set in examiner's response dated | • • | _ | | | | |
| under 37 CFR 1.34(a)) upon the filling of a continuing application. 5. □ Drawings received on were disapproved by examiner. See examiner's response dated 7. □ Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. □ No corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in examiner's response of the corrected drawings have been received in reply to one-month period set in the corrected drawings have | | | which is signed by the attorney | y or agent of record, the | assignee of the en | |
| 7. Corrected drawings were received on, which is after the expiration of the one-month period for set in examiner's response dated 8. No corrected drawings have been received in reply to one-month period set in examiner's response | 5. The letter of e under 37 CFF | express abandonmen R 1.34(a)) upon the fill | t which is signed by an attorneding of a continuing application. | y or agent (acting in a re | epresentative capa | |
| set in examiner's response dated B. \(\subseteq \) No corrected drawings have been received in reply to one-month period set in examiner's response examiner. | 6. Drawings rece | eived onv | vere disapproved by examiner. | See examiner's respons | e dated | |
| · | 7. Corrected dra | wings were received er's response dated _ | on, which is after t | he expiration of the one- | month period for re | |
| The reason(s) below: | 3. No corrected | drawings have beer | received in reply to one-mo | nth period set in exami | iner's response da | |
| | |) below: | | | | |

Petitions to revive under 37 CFR 1.137(a) or (b), or request to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

(571)-272-4200 or 1(888)-786-0101 Patent Publication Branch Office of Data Management